

High-Level Dimensional Metrology Process Map

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[illegible]

SPAMHAUS' 10 Worst Spammers

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www.spamhaus.org/statistics/spammers.lasso

Up to 80% of spam targeted at Internet users in North America and Europe is generated by a hard-core group of known professional spammers whose names, aliases and operations are documented in Spamhaus' Register Of Known Spam Operations ([ROKSO](#)) database.






This TOP 10 chart of ROKSO-listed spammers is based on those Spamhaus views as the highest threat, the worst of the career spammers causing the most damage on the Internet currently. Spamhaus flags these as a priority for Law Enforcement Agencies.

The world's worst spammers and spam gangs this week are:

SPAMHAUS' 10 Worst Spammers

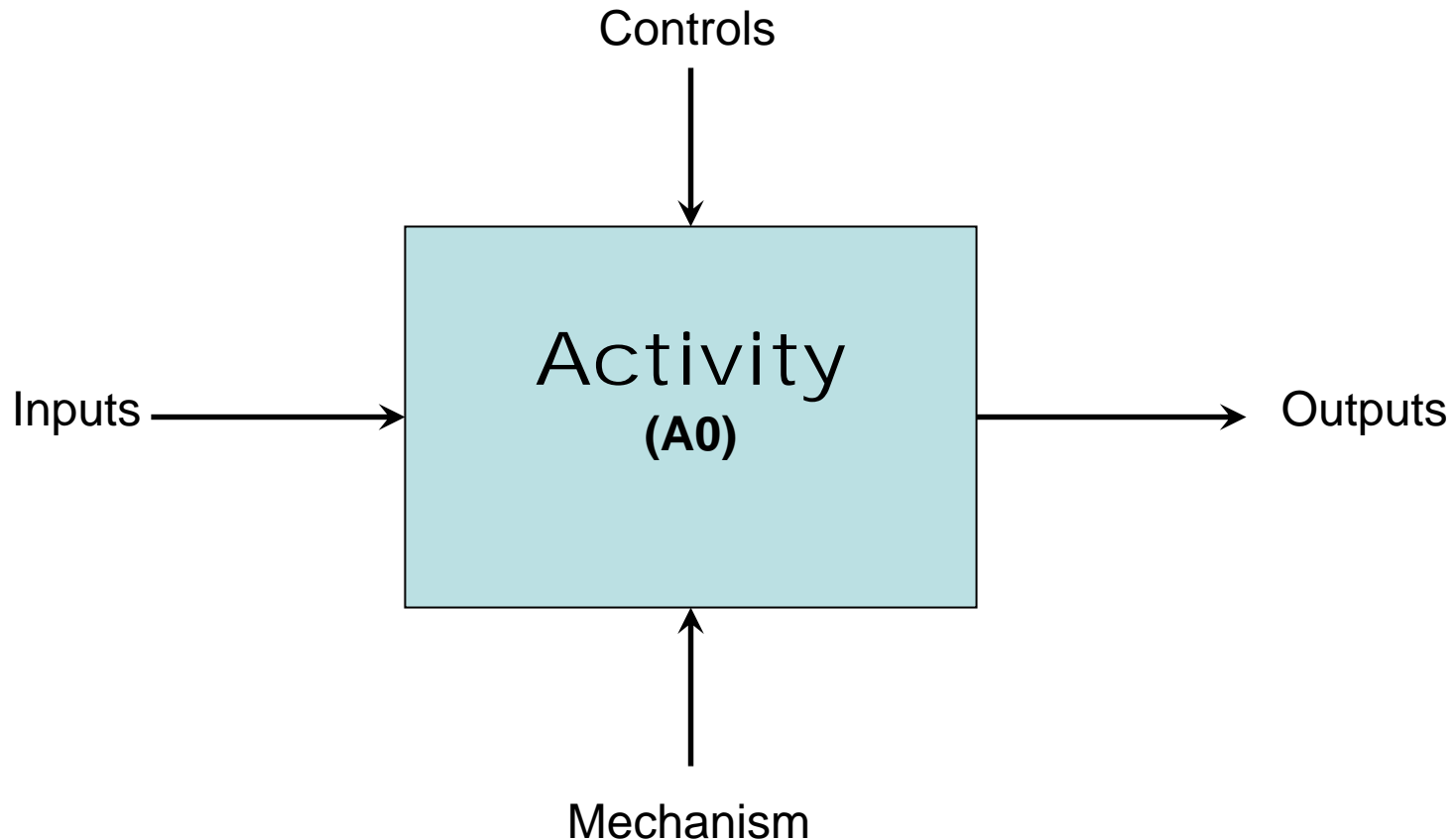
Rank	Photo	Spammer or Spam Gang	Country
1		<u>Alex Blood / Alexander Mosh / AlekseyB / Alex Polyakov</u> So many Alex's/Alexey's. Alex "Blood" tied to Pilot Holding & bbasafehosting.com long ago. Then Alex Polyakov posted he owned them. Massive botnet and child-porn spam ring. May be part of of same as Pavka/Artofit & Leo Kuvayev spam gangs.	Ukraine
2		<u>Michael Lindsay / iMedia Networks</u> Lindsay's iMedia Networks is a full-fledged criminal spam-hosting operation serving well known ROKSO-listed spammers. They sell "spammer hosting" at high premiums.	United States California
3		<u>Leo Kuvayev / BadCow</u> Russian/American spammer. Does "OEM CD" pirated software spam, illegal pharmaceuticals, porn spam, porn payment collection, etc. Spams using virus infected PCs that it is assumed his gang create.	Russia
4		<u>Pavka / Artofit</u> A Russian gang who have been spamming for years. Started with porn, now into many types of spam, always via hijacked PCs. Part of a large criminal group involving ROKSO spammers Leo Kuvayev & Alex Blood.	Russia
5		<u>Alexey Panov - ckync.com</u> Spamming, spammer hosting, spamware peddlers. Author of the DMS spamware that uses hijacked open proxies and virus infected PC to flood the world with spam.	Russia

SPAMHAUS' 10 Worst Spammers

Rank	Photo	Spammer or Spam Gang	Country
6		<u>Jeffrey Peters - JTel / CPU Solutions</u> Convicted felon, hard-core spammer host, Peters is also behind a fake Russian "ISP" serving many criminal ROKSO spammers. Forged documents seem to be among his specialties.	United States Florida
7		<u>Amichai Inbar</u> Full scale criminal operation. Spamming porn, illegal drugs and pump-&-dump stock using botnets. Partnered with many of the worst US and Russian ROKSO spammers.	Israel
8		<u>Ruslan Ibragimov / send-safe.com</u> Stealth spamware creator. One of the larger criminal spamming operations around. Runs a CGI mailer on machines in Russia and uses hijacked open proxies and virus infected PCs to flood the world with spam.	Russia
9		<u>Tim Goyetche / Bulkernet / Bulkarn.com</u> Long time operator of Bulkarn.com "secret" spammer chat forum. Behind a lot of the criminal method spamming that goes on in the world. Caught in 2005 spamming "pump & dump" stock scams.	Canada Nova Scotia
10		<u>John Horst</u> A recent new addition to the list. He is known to deluge many mail boxes of leaders in metrology under the guise of a invitation for the International Metrology Interoperability Summit.	United States Maryland

Application Activity Model

Identifies Activities and Interfaces

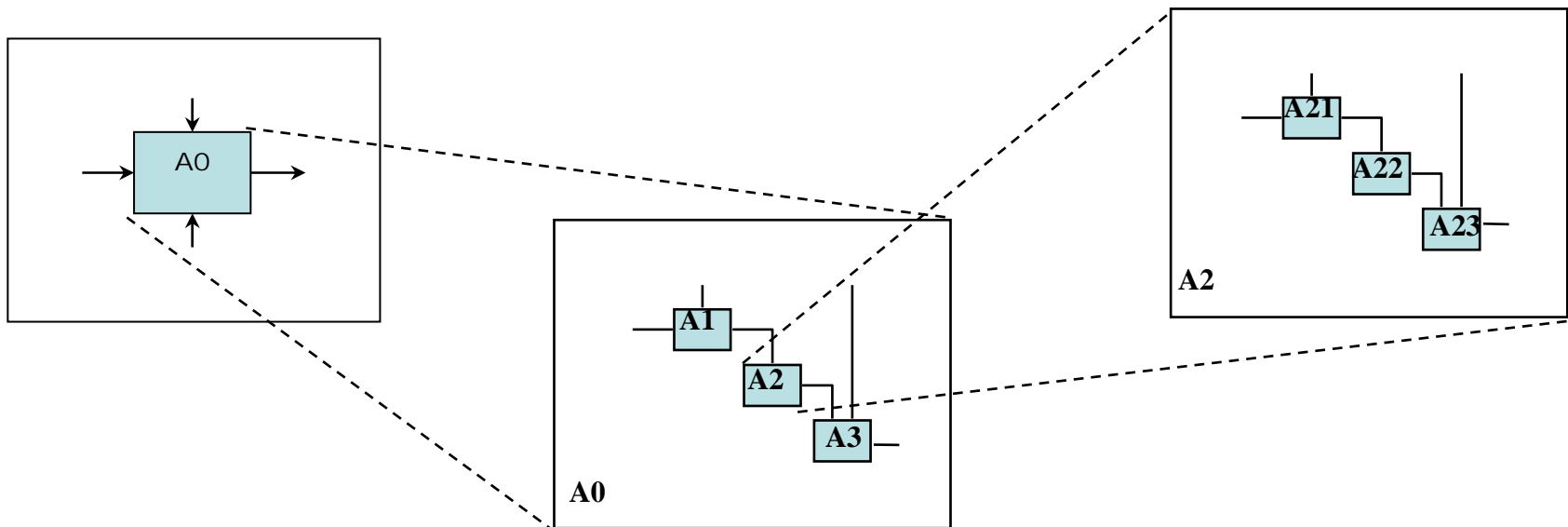


Used to aid in understanding the scope and information requirements for an application

Application Activity Model

Activity Decomposition

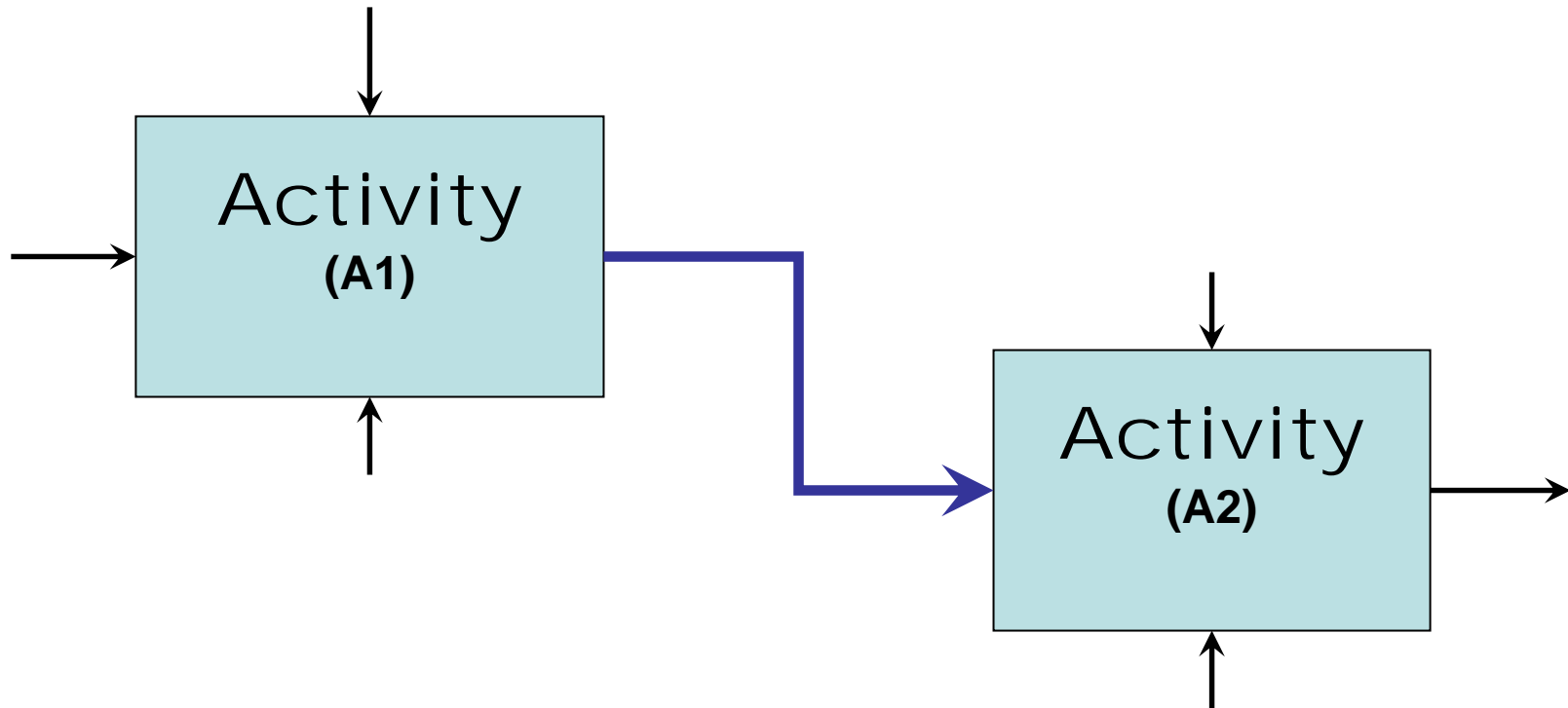
- Each activity may be decomposed to provide more detail.



Top most box subdivides into sub-activities on another diagram.

Application Activity Model

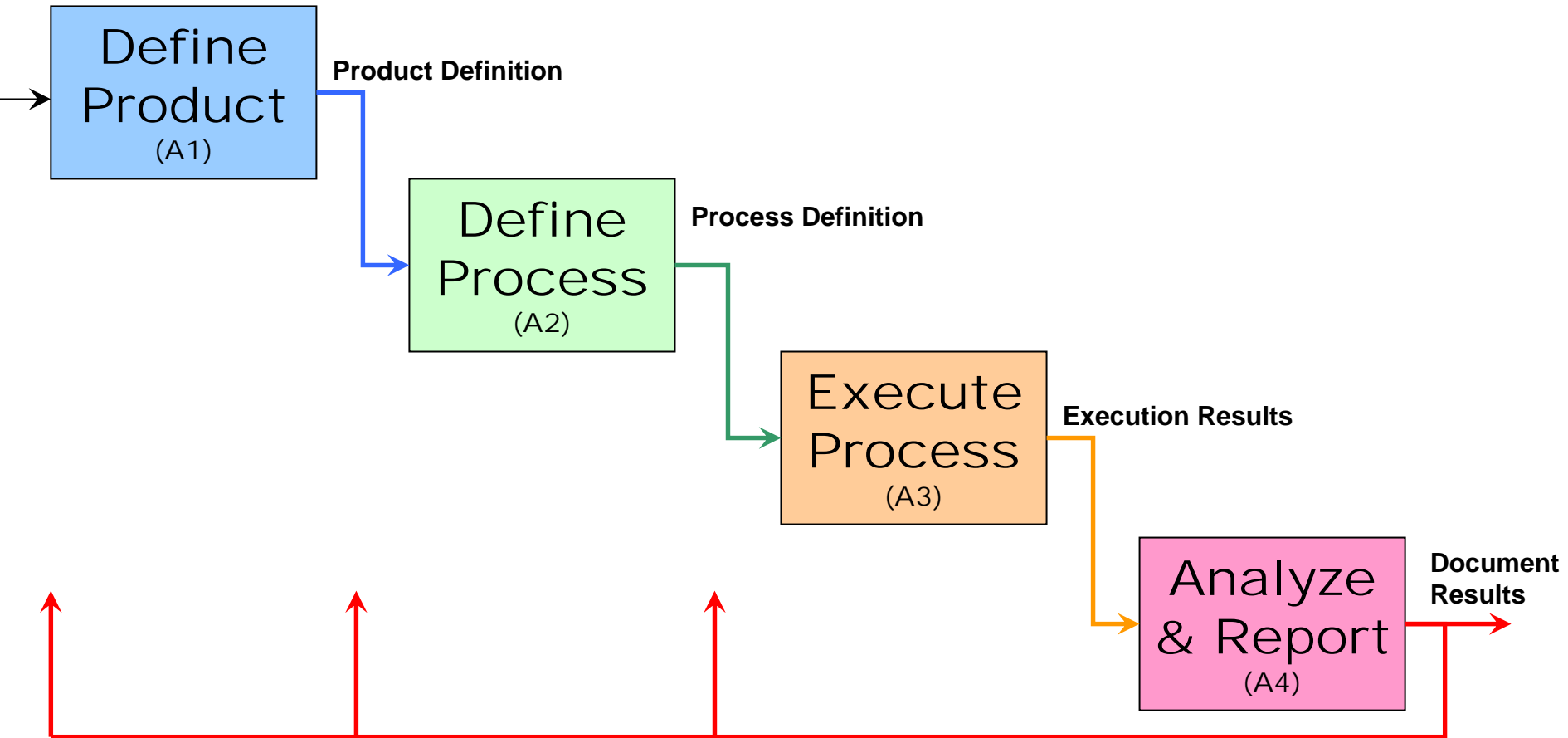
Input => Output =? Interface



**Where an activity's output is an input for another activity,
then we have a candidate interface!**

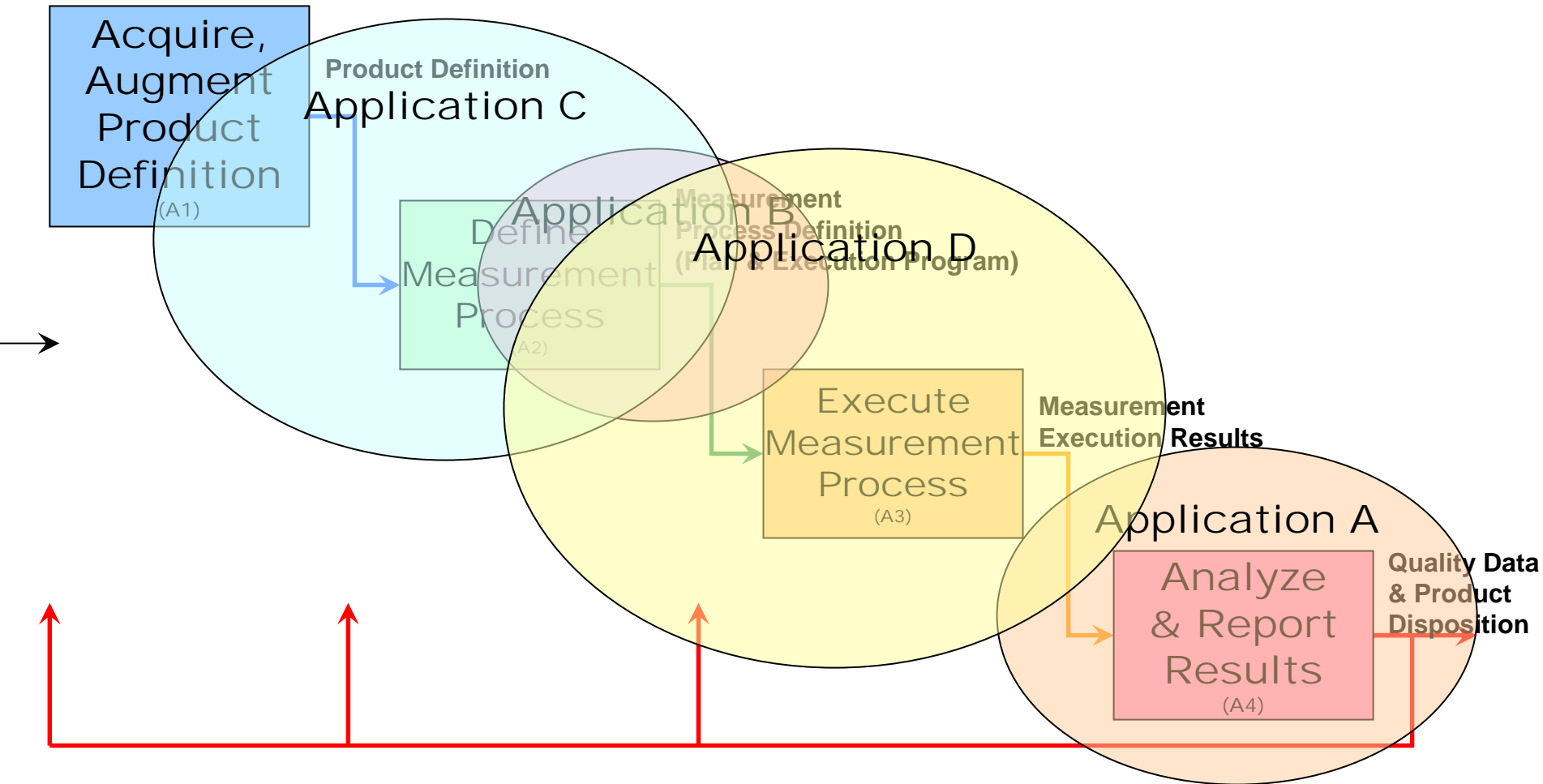
A General Process Map

Top-Level Activities with Interfaces

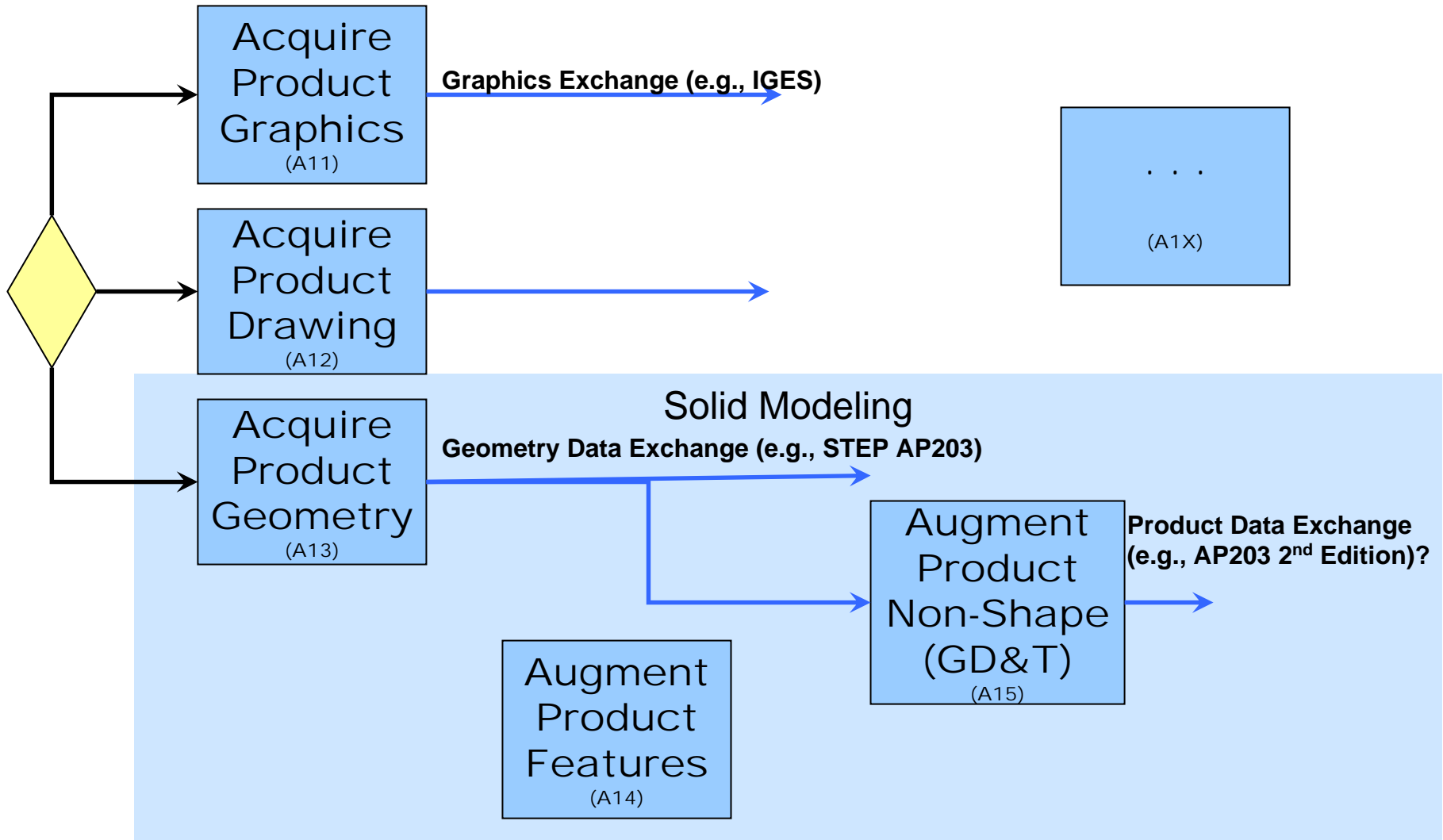


Digital Dimensional Metrology

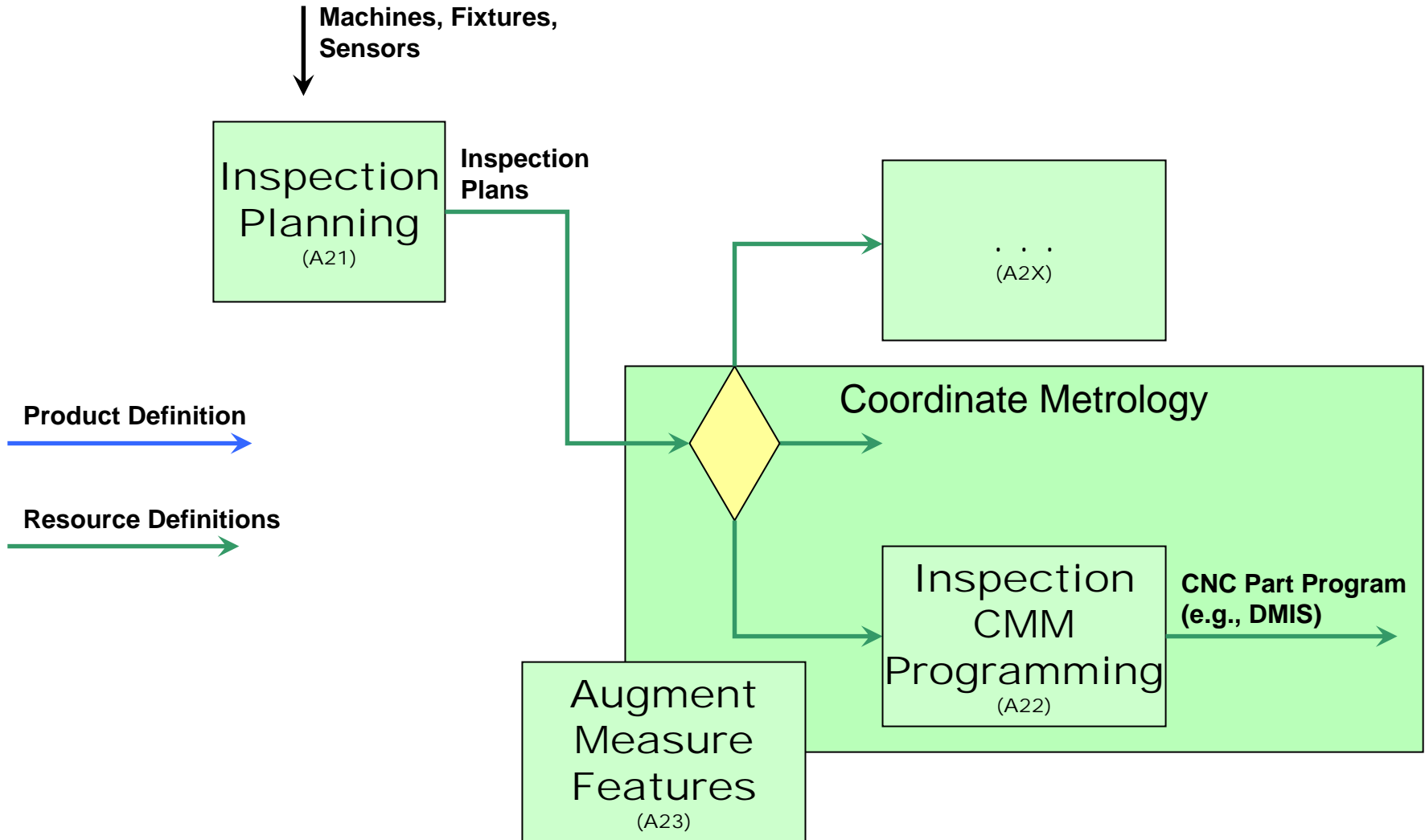
Top-Level Activities with Interfaces



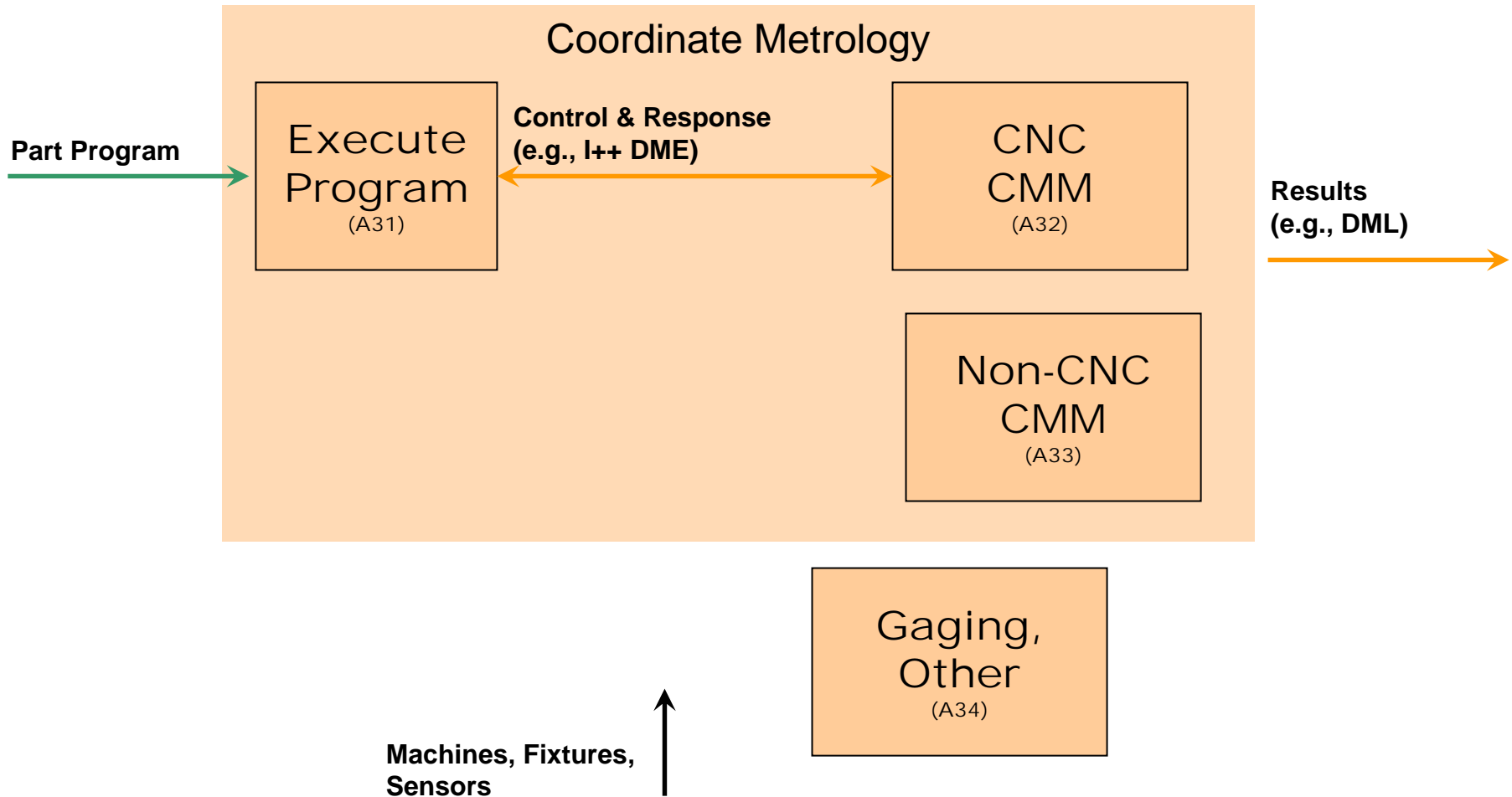
Acquire / Augment Product Definition To Consider



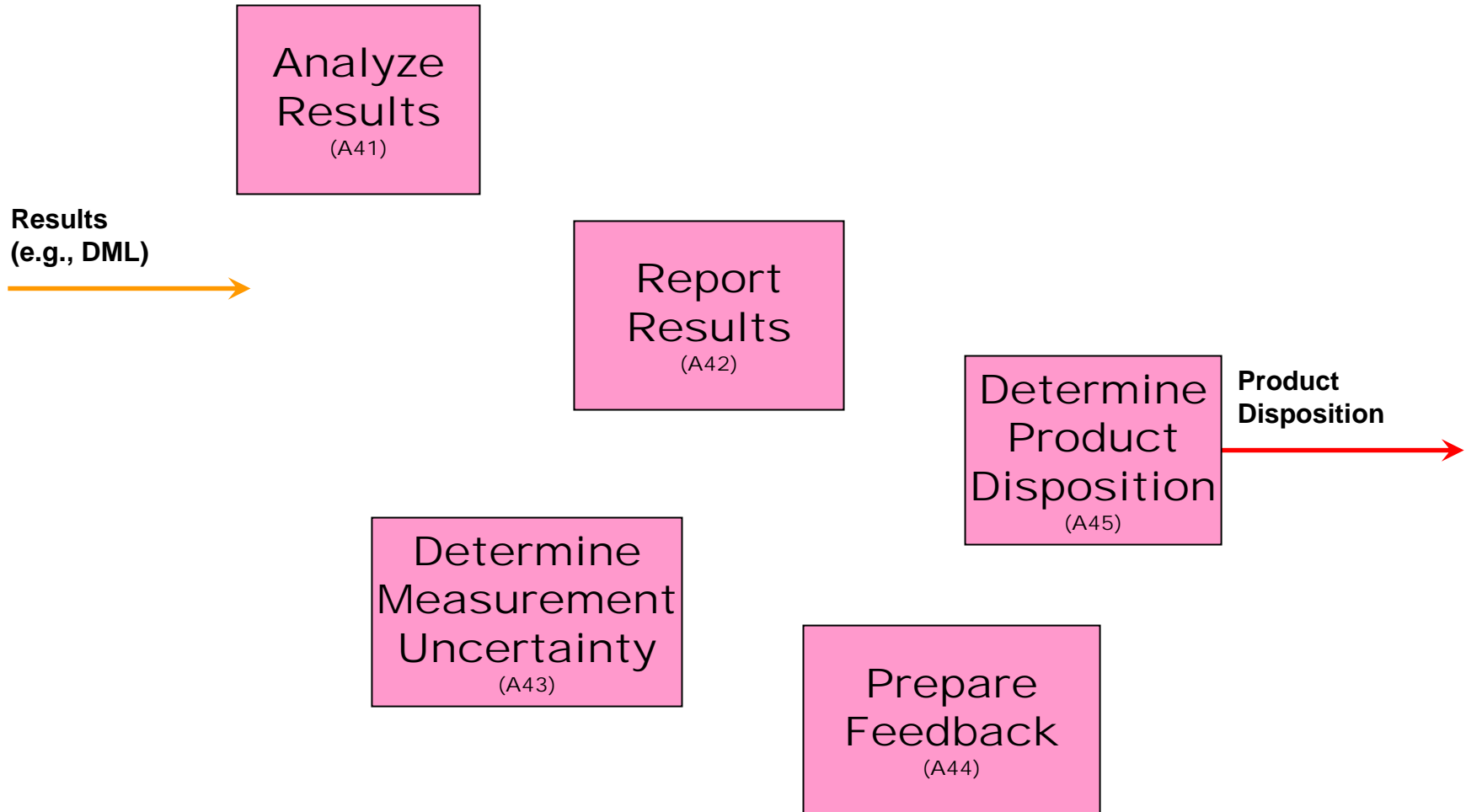
Define Measurement Process To Consider



Execute Measurement Process To Consider



Analyze and Report Results To Consider



Dimensional Metrology System:

Component diagram with candidate open & non-proprietary interface standards

Design

Planning

Execution

Analysis

**CAD +
GD&T**

Part
geometry
and
design
tolerances

**STEP
AP203e2,
AP219,
DML**

**Inspection
process
planning**

Inspection
process
plans
DML

**Inspection
execution**

Measurement
results

**DML,
STEP AP219**

**Reporting
& analysis**

Quality
measurement
information...

**AIAG
Quality
Data**

CMM control
commands
and responses
I++ DME

**Coordinate
measuring
machines
(CMMs)**

**Quality
device
integration**

manufacturing interoperability

Who is driving your business?

“If you are not using open & non-proprietary standards, then you are not driving your business, your vendors are.”

– Glen Allan, Ford

